

Dear Colleague:

The Foundation, and particularly the Directorate for Computer and Information Science and Engineering (CISE), plays a leadership role in advanced networking infrastructure and research. This activity is conducted within CISE in the Division of Advanced Networking Infrastructure and Research.

Within the Division of Advanced Networking Infrastructure and Research (ANIR), there are two basic research programs and one experimental facility program. The basic research program, Advanced Networking Research (ANR) has two elements: Networking Research and Special Projects in Networking Research. Their joint goal is to support research in the technical areas relevant to understanding the global information infrastructure and to lay the basis for future advancements in that infrastructure. The Advanced Networking Infrastructure (ANI) program has the complementary goal of developing and enabling the use of experimental advanced networks in broad support of the research and education community.

The Advanced Networking Research Program focuses on the fundamental science and technology research needed to enable efficient, high-speed transfer of information through networks and distributed systems. Responsibilities span the entire spectrum of activities, ranging from network design and performance evaluation to middleware and software frameworks in support of applications running on top of networks and distributed systems. Research areas include high speed networks, optical networks, wireless and mobile networks, traffic control, resource management, quality of service, protocols, multicast, network security, network design, network management, performance evaluation, network architectures, network systems, object-oriented frameworks for networks, agent-based networks, multimedia applications, and multiple access protocols.

The Advanced Networking Infrastructure program supports research, development, implementation, and testing of advanced, high-performance network testbeds and related technologies in support of the distributed information technology goals of the U.S. research and education community. This applied research program seeks to enable the use of novel and/or advanced research applications across all disciplines of science and engineering, coordinates interactions with international research partners, and promotes the analysis, improvement, and evolution of the Internet, with an enabling middleware in support of network services and high performance applications. The program provides and enables nation-wide high-performance infrastructure for the U.S. science and education community.

We are presently seeking three program directors to take an active part in the networking area. Two of the current positions are infrastructure focused and one is research focused. We seek individuals with demonstrated disciplinary expertise to further build a creative, responsive, diverse, intellectually driven team to continue to meet the Directorate's responsibilities to its community and the nation. Our belief is that it is vital for our external community to help shape and manage these programs. More details about the CISE directorate, its programs and activities and these positions can be found at www.cise.nsf.gov.

Candidates are generally expected to have a Ph.D. or equivalent experience. The appointee will function both within specific program boundaries and in a team mode. This will include closely coordinating within CISE, with other NSF directorates, with other federal agencies, and with private sector organizations as appropriate. Appointment may be made as a regular government employee, or as a temporary appointment as a visiting scientist, or under the Intergovernmental Personnel Act (IPA). Consideration of applications will begin February 18, 2000 and will continue until the positions are filled. Details on the current openings and the associated qualifications are on the CISE website at www.cise.nsf.gov. Inquiries concerning the positions should be directed to:

Dr. Aubrey M. Bush
Directorate for Computer and Information Science and Engineering
Division of Advanced Networking Infrastructure and Research
National Science Foundation
4201 Wilson Boulevard, Suite 1175
Arlington, VA 22230
Telephone: 703-306-1950
email: abush@nsf.gov

Candidates interested in applying for permanent appointments must submit applications directly to the Division of Human Resource Management, 4201 Wilson Boulevard, Room 315, Arlington, VA 22230 and indicate the applicable vacancy announcement number. For additional information you may call Kathy Tolson, on (703) 306-1185 extension 3092. Hearing impaired individuals may call TDD (703) 306-0189.

NSF is an equal opportunity employer strongly committed to employing a highly qualified staff that reflects the diversity of our nation. Women and members of groups underrepresented in CISE disciplines are especially encouraged to investigate serving in these positions. The Foundation's continued ability to serve its community and the nation well depends critically on the active participation of members of its community who are willing to serve in such positions. I will very much appreciate any help you may be able to offer in this search for candidates with outstanding scientific and administrative qualifications, a vision of the strategic issues facing Federal support of computer and information science and engineering, and a desire to serve the CISE community in this exciting and challenging period. I believe that service at the Foundation, particularly at this time, provides a rewarding opportunity to build upon and advance the evident contributions that computer and information science and engineering has made in the past.

Sincerely,

Aubrey M. Bush
Acting Division Director, ANIR

NATIONAL SCIENCE FOUNDATION
APPLICANT SURVEY

Vacancy Ann. #:

Position Status (temporary/permanent):

Position Title/Series/Grade:

INSTRUCTIONS

Your completion of this form will be appreciated. Submission of this Information is voluntary and it will have no effect on the processing of your application. The data collected will be used only for statistical purposes to ensure that agency personnel practices meet the requirements of Federal law. NSF estimates that each respondent should take about 3 minutes to complete this survey, including time to read the instructions. You may have comments regarding this burden estimate or any other aspect of this survey, including suggestions for reducing this burden. If so, please send them to NSF Reports Clearance Officer, Information Dissemination, NSF, 4201 Wilson Blvd., Arlington, VA. 22230.

PRIVACY ACT INFORMATION

GENERAL - This information is provided pursuant to Public Law 93-579 (Privacy Act of 1974), December 31, 1974, for individuals completing Federal records and forms that solicit personal information .

AUTHORITY - Section 7201 of title 5 of the U.S. Code and Section 2000e-16 of title 42 of the U.S. Code.

PURPOSE AND ROUTINE USES

The information is used for research and for a Federal Equal Opportunity Recruitment Program (FEORP) to help insure that agency personnel practices meet the requirements of Federal law. Address questions concerning this form and its uses to the Privacy Act Officer, National Science Foundation, Arlington, VA 22230.

1. Today's Date: _____

2. Year of Birth: _____

3. How did you learn about the particular position for which you are applying? (Circle appropriate number.)

01 - Newspaper (specify) _____

02 - Contact with NSF Personnel Office
(Agency Bulletin Board or other Announcement)

03 - NSF-initiated personal contact

04 - Science Magazine, or other professional journal or magazine
(specify) _____

05 - Affirmative Action Register

06 - Attendance at conference, meeting or job fair
(specify) _____

07 - NSF recruitment at school or college

08 - Colleague referral

09 - NSF Bulletin

10 - Federal, State or local job information center

11 - State vocational rehabilitation agency or
Veterans Administration

12 - State employment office

13 - School or college counselor or other official

14 - Private job Information service

15 - Private employment service

16 - Friend or relative working at NSF

17 - Friend or relative not working at NSF

18 - Other (specify) _____

4. Please select the racial/ethnic category with which you most closely identify yourself. (Circle the appropriate letter)

A. American Indian or Alaskan Native. A person having origins in any of the original peoples of North America, who maintains cultural identification through tribal affiliation or community recognition.

B. Asian or Pacific Islander. A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes, for example, China, India, Korea, the Philippine Islands, and Samoa

C. Black, not of Hispanic origin. A person having origins in any of the Black racial groups of Africa. This does not include persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish cultures or origins.

D. Hispanic. A person of Mexican, Puerto Rican, Cuban, Central or

South American or other Spanish culture or origin, regardless of race.

E. White, not of Hispanic origin. A person having origins in any of the original peoples of Europe, North Africa or the Middle East. This does not include persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish cultures or origin.

5. Sex (Circle the appropriate letter.) F - Female M - Male

6. Please provide Information on your disability status by circling the appropriate category below:

1. I do not have a disability;
2. Hearing impairment;
3. Vision impairment;
4. Missing extremities;
5. Partial paralysis;
6. Complete paralysis;
7. Convulsive disorder;
8. Mental retardation;
9. Mental or emotional illness;
10. Severe distortion of limbs and/or spine;
11. I have a disability but it is not listed.

FOR AGENCY USE

Agency Code: _____

AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER
NSF Form 1232 (8/97)